```javascript
 1: /*
 2:   server-example.js
 3:
 4:   Example JavaScript file to run on NodeJS.
 5:
 6:   This program executes a couple of tasks asynchronously with callback
 7:   functions: open a server, get a connection, open a markdown file,
 8:   compiling to HTML, opening a template, filling in metadata.
 9: */
10:
11:
12: var fs = require('fs'),
13:     http = require('http'),
14:     marked = require('meta-marked'),
15:     handlebars = require('handlebars');
16:
17: function parseMarkdown( cb ) {
18:   fs.readFile( 'article.md', function( err, data ) {
19:     if ( err ) {
20:       return cb( err );
21:     }
22:
23:     var text = marked( data.toString() );
24:     cb( null, text );
25:   });
26: }
27:
28: function compileHtml( text, cb ) {
29:   fs.readFile( 'template.html', function( err, data ) {
30:     if ( err ) {
31:       return cb( err );
32:     }
33:
34:     var template = handlebars.compile( data.toString() );
35:     cb( null, template({
36:       meta: text.meta,
37:       content: text.html
38:     }) );
39:   });
40: }
41:
42: var server = http.createServer( function( req, res ) {
43:   parseMarkdown( function( err, data ) {
44:     compileHtml( data, function( err, data ) {
45:       res.end( data );
46:     });
47:   } );
48: });
49:
50: server.listen( 12345 );
```